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0	For receiving Office use only		
0-1	International Application No.		
0-2	International Filing Date		
0-3	Name of receiving Office and "PCT International Application"		
0-4	Form PCT/RO/101 PCT Request		
0-4-1	Prepared Using	PCT-SAFE Version 3.50 (Build 0002.162)	
0-5	Petition	(502201 5.55 (50210 5002.162)	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty		
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)	
0-7	Applicant's or agent's file reference	C972HST	
ı	Title of invention	METHOD OF ISOLATING AND CULTURING MESENCHYMAL STEM CELL DERIVED FROM CRYOPRESERVED UMBILICAL CORD BLOOD	
11	Applicant		
II-1	This person is	applicant only	
II-2	Applicant for	all designated States except US	
11-4	Name	HISTOSTEM CORPORATION	
II-5 _.	Address	518-4, Doonchon-dong, Kangdong-gu, Seoul137-701	
IJ-6	State of nationality	Republic of Korea	
11-7	State of residence	KR	
11-8		KR	
-	Telephone No.	82-2-470-6341	
1-9	Facsimile No.	82-2-3487-5273	
i-10	e-mail	yks@seoulcord.co.kr	
l-11	Applicant's registration No. with the Office	1-2000-052576-1	

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111-1	Applicant and/or inventor		
III-1-1	This person is	applicant and inventor	
III-1-2	Applicant for	US only	
III-1-4	Name (LAST, First)	HAN, Hoon	
III-1-5	Address	521-101, Hanyang APT, Yangji maeul, 27, Soonae-dong, Boondang-gu, Seongnam-si, Gyeonggi-do463-922 Republic of Korea	
III-1-6	State of nationality	KR	
111-1-7	State of residence	KR	
III-1-11	Applicant's registration No. with the Office	4-2000-052572-0	
III-2	Applicant and/or inventor		
111-2-1	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
111-2-4	Name (LAST, First)	KIM, Sung-Whan	
111-2-5	Address	102, 1st Floor, 637-4, Shinsa-dong, Kangnam-gu, Seoul135-120 Republic of Korea	
111-2-6	State of nationality	KR	
111-2-7	State of residence	KR	
IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent international Authorities as:	agent	
IV-1-1	Name (LAST, First)	LEE, Byung-Hyun	
IV-1-2	Address	#705, New-Seoul Bldg., 828-8, Yeoksam-dong, Kangnam-gu, 135-080Seoul Republic of Korea	
IV-1-3	Telephone No.	82-2-538-7570	
IV-1-4	Facsimile No.	82-2-538-9111	
IV-1-5	e-mail	bhlee21@chollian.net	
IV-1-6	Agent's registration No.	9-1999-000297-5	

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	DESIGNATIONS		
V-1	The filing of this request constitutes		
	under Rule 4.9(a), the designation of		
	all Contracting States bound by the	·	
	PCT on the international filing date,		
	for the grant of every kind of		
	protection available and, where		
	applicable, for the grant of both		
	regional and national patents.		
V-2	item V-2 may be used to exclude (irrevocably) the designations	KR	
	concerned in order to avoid the		
	ceasing of the effect, under the		
	national law, of an earlier national application from which priority is	Í	
	claimed. As to the consequences of	· .	
	such national law provisions in these		
	and certain other States, see	Į.	
	Designations in PCT-SAFE Help.		
/1-1	Priority claim of earlier national application		
/1-1-1	Filing date	11 November 2003 (11	.11.2003)
VI-1-2	Number	10-2003-0079363	
/I-1-3 	Country	KR	
/11-1	international Searching Authority Chosen	Korean Intellectual (ISA/KR)	Property Office
7111	Declarations	Number of declarations	
/III-1	Declaration as to the identity of the inventor	-	
	inventor	-	
	inventor Declaration as to the applicant's		
	inventor Declaration as to the applicant's entitlement, as at the international filing		
VIII-2	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-2	Inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a		
VIII-2	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's	-	
VIII-1 VIII-2 VIII-3	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing	-	
VIII-2 VIII-3	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier	-	
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/III-2 /III-3 /III-4	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial	- ·	
/III-2 /III-3 /III-4 /III-5	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of	•	electronic file(s) attached
VIII-2 VIII-3	inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	- ·	electronic file(s) attached
/III-2 /III-3 /III-4 /III-5 X X-1 X-2	Inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of Inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	- number of sheets	
/III-2 /III-3 /III-4 /III-5 X X-1	Inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of Inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	number of sheets	1
/III-2 /III-3 /III-4 /III-5 X X-1 X-2	Inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of Inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets)	number of sheets 4 5	<i>J</i>
//III-2 //III-3 //III-5 X X-1 X-2 X-3	Inventor Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application Declaration of Inventorship (only for the purposes of the designation of the United States of America) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty Check list Request (including declaration sheets) Description Claims	- number of sheets 4 5 1	<i>J J</i>

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	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet		✓
X-9	Original separate power of attorney	-	
IX-17	PCT-SAFE physical media	-	•
IX-19	Figure of the drawings which should accompany the abstract	6	
IX-20	Language of filing of the international application	Korean	
X-1	Signature of applicant, agent or common representative	(PKCS7 Digital Signa	ture)
X-1-1	Name (LAST, First)	LEE, Byung-Hyun	
X-1-2	Name of signatory		
X-1-3	Capacity	1	

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

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11-1	Date of receipt of the record copy by	
	the International Bureau	